

5'	CGA	AGT	CAC	GGC	GGC	CTC	ACA	ATG	GAG	CTC	TCG	GAG	TCT	GTG	CAG	AAA	GGC	TTC	54	
	M		M			E	L	S	E	S	V	Q	K	G					45	
	Q	M	L	A	D	P	R	S	F	D	S	N	A	F	T	L	L	L	108	
	63					72			81			90			99					
	CAG	ATG	CTG	GGC	GAT	CCC	CGC	TCC	TTC	GAC	TCC	AAC	GCC	TTC	ACG	CTT	CTC	CTC		
	Q	M	L	A	D	P	R	S	F	D	S	N	A	F	T	L	L	L		
	117					126			135			144			153					162
	CGG	GCG	GCA	TTC	CAG	AGT	CTG	CTG	GAC	GCC	CAG	GCG	GAC	GAG	GCC	GTG	TTA	GAT		
	R	A	A	F	Q	S	L	L	D	A	Q	A	D	E	A	V	L	D		
	171					180			189			198			207					216
	CAT	CCA	GAC	TTG	AAA	CAT	ATC	GAC	CCA	GTG	GTG	TTA	AAA	CAT	TGT	CAT	GCA	GCA		
	H	P	D	L	K	H	I	D	P	V	V	L	K	H	C	H	A	A		
	225					234			243			252			261					270
	GCT	GCA	ACT	TAC	ATA	CTA	GAG	GCA	GGA	AAG	CAC	CGA	GCT	GAC	AAG	TCA	ACT	CTA		
	A	A	T	Y	I	L	E	A	G	K	H	R	A	D	K	S	T	L		
	279					288			297			306			315					324
	AGC	ACT	TAT	CTA	GAA	GAC	TGT	AAA	TTT	GAC	AGA	GAG	CGA	ATA	GAA	CTG	TTT	TGC		
	S	T	T	Y	L	E	D	C	K	F	D	R	E	R	I	E	L	F	C	
	333					342			351			360			369					378
	ACG	GAA	TAT	CAG	AAT	AAT	AG	AAT	TCC	CTA	GAA	ATC	CTA	CTG	GGA	AGT	ATA	GGC		
	T	E	E	Y	Q	N	N	K	N	S	L	E	I	L	G	S	I	G		

FIGURE 1A

AGA	TCT	CTC	CCT	CAT	ATA	ACG	GAT	GTT	TCT	TGG	CGC	TTG	GAA	TAT	CAG	ATA	AAG
R	S	L	P	H	I	T	D	V	S	W	R	L	E	Y	Q	I	K
441	450	459	468	477	486												
ACC	AAT	CAA	CTT	CAT	AGG	ATG	TAC	AGA	CCT	GCA	TAT	TTG	GTG	ACC	TTA	AGT	GTA
T	N	Q	L	H	R	M	Y	R	P	A	Y	L	V	T	L	S	V
495	504	513	522	531	540												
CAG	AAC	ACT	GAT	TCC	CCA	TCC	TAT	CCA	GAG	ATT	AGT	TTT	AGT	TGC	AGC	ATG	GAA
Q	N	T	D	S	P	S	Y	P	E	I	S	F	S	C	S	M	E
549	558	567	576	585	594												
CAA	TTA	CAG	GAC	TTC	GTG	GGG	AAA	CTT	AAA	GAT	GCT	TCG	AAA	AGC	CTG	GAA	AGA
Q	L	Q	D	L	V	G	K	L	K	D	A	S	K	S	L	E	R
603	612	621	630	639	648												
GCA	ACT	CAG	TTC	TAA	CTT	GGG	GAA	GTT	AAC	GAT	CCG	CCC	GAG	TGC	AGA	CGA	AAA
A	T	Q	L														
657	666	675	684	693	702												
CCA	GAA	ACG	CCT	TGC	CTT	CAG	CTG	AAC	CAC	CGT	TTG	TGC	GAG	CTG	GAT	GTC	CTT
711	720	729	738	747													
TTC	AGT	AGA	AAA	GAA	TTT	TCC	TTT	TGA	ATT	TAT	ACC	ATT	CAN	CAA	TTT	T	3'

FIGURE 1B

1 M E L S E S V Q K G F Q M L A D P R S F D S N A F T L L R A A F Q S L L D A Q 2267574
 1 M E L S E S V Q R G T Q T L A D P G S F D S N A F A L L R A A F Q S L L D A R GI 265569

41 A D E A V L D H P D L K H I D P V V L K H C H A A A T Y I L E A G K H R A D K 2267574
 41 A D E A A L D H P Y L K Q I D P V V L K H C H A A A T C I L E A G K H Q V D K GI 265569

81 S T L S T Y L E D C K F D R E R I E L F C T E Y Q N N K N S L E I L L G S I G R 2267574
 81 S T L S T Y L E D C K F D R E R I E L F C T E Y Q N N K N S L E T L L G S I G R GI 265569

121 S L P H I T D V S W R L E Y Q I K T N Q L H R M Y R P A Y L V T L S V O N T D S 2267574
 121 S L P H I T D V S W R L E Y Q I K T N Q L H K M Y R P G Y L V T L N V E N N D S GI 265569

161 P S Y P E I S F S C S M E Q L Q D L V G K L K D A S K S L E R A T Q L 2267574
 161 Q S Y P E I N F S C N M E Q L Q D L V G K L K D A S K S L E R A T Q L GI 265569

FIGURE 2

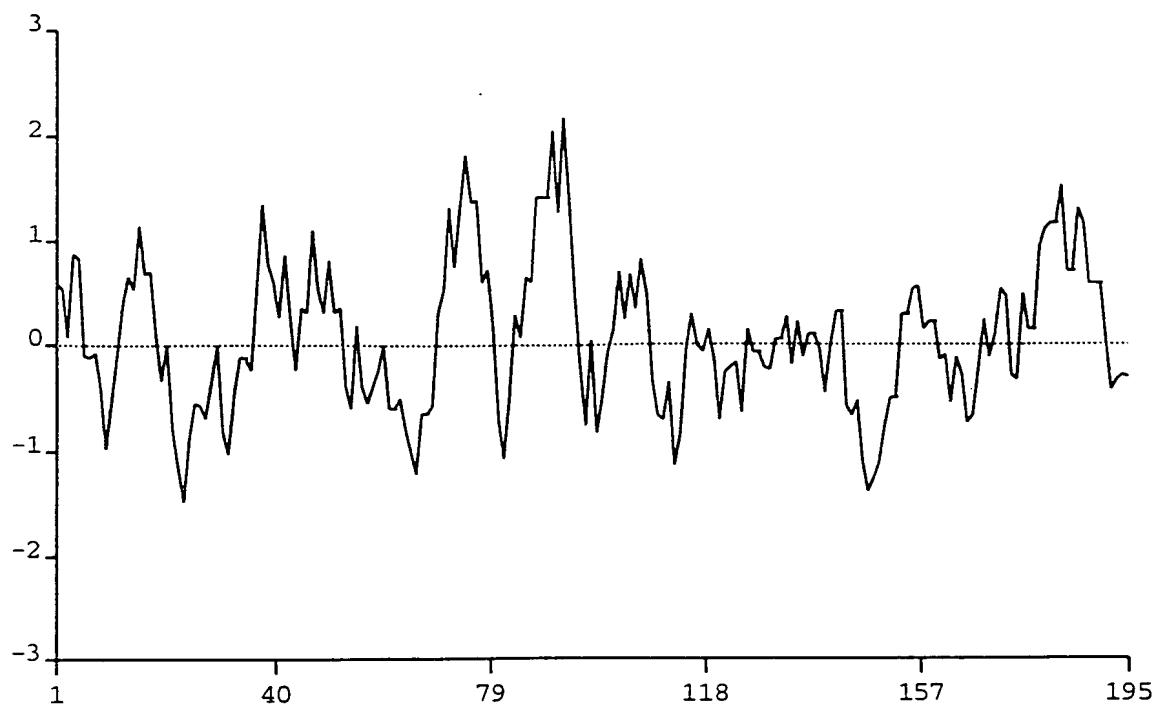


FIGURE 3A

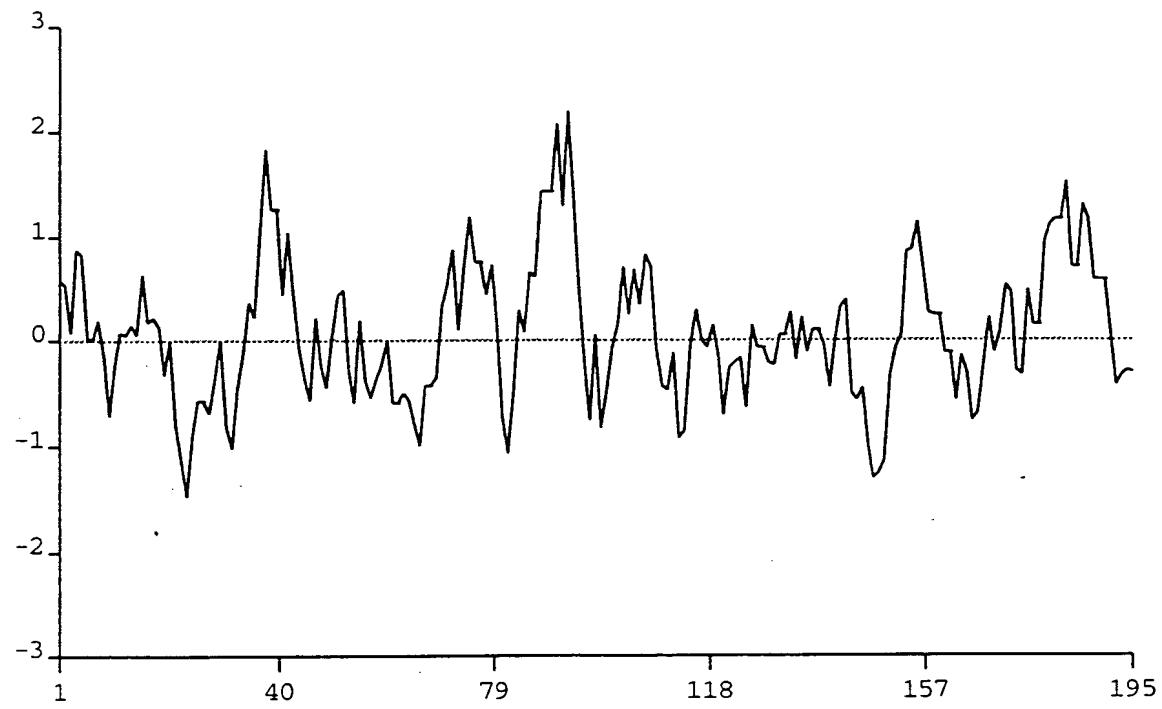


FIGURE 3B